

Nalco Docket No. 7502 CO2
Customer No. 49459

AMENDMENTS TO THE SPECIFICATION

In the Specification:

Please replace the ABSTRACT with the following paragraph:

A composition including a reaction product of one or more trivalent metal salts other than chromium salts, an acid phosphorous compound, and an aluminum hydroxy chloride compound. The composition includes a ferric chloride solution being from about 38 wt. % to about 42 wt. % ferric chloride. The acid phosphorous compound may be one or more of a phosphorous acid, a phosphoric acid solution, a monobasic or dibasic sodium phosphate solution, a monobasic or dibasic potassium phosphate solution, a phosphonic acid solution, and a dimethyl phosphate solution. The composition also includes an aluminum chlorohydrate solution and optionally includes additional water and either epichlorohydrin-dimethylacrylate polymer or polydimethyl diallyl ammonium chloride polymer.

The following paragraph was revised in the Amendment dated July 10, 2003. Please revise that paragraph beginning on page 1, line 8 of the specification as follows:

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a continuation of U.S. Patent Application Serial No. 09/862,759, filed on May 21, 2001, now ~~pending~~ U.S. Patent No. 6,656,377 B2; which is a continuation of U.S. Patent Application Serial No. 09/295,422, filed on April 20, 1999, now U.S. Patent No. 6,306,308 B1; which claims priority of United States Provisional Patent Application Serial Nos. 60/104,203 and 60/082,448 which were filed on October 14, 1998 and April 20, 1998, respectively.

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Please revise the paragraph beginning on page 9, line 1 of the specification as follows:

In place of the CA-250 (Epi-DMA polyamine), ~~p-DMDAC~~ p-DMDAAC may be utilized under certain circumstances in the physical blend with the subject reaction product. The p-DMDAAC may be utilized when the trivalent metal salt FeCl_3 (in the preferred embodiment) is diluted by 10 to 40% with water prior to the addition of the acid phosphorous compound and the aluminum hydroxy chloride. In order to utilize p-DMDAAC with the already prepared reaction product of the preferred embodiment, the entire reaction product must be diluted by 10 to 40% with water prior to the addition of p-DMDAAC. If phosphoric acid is substituted for the monoaluminum phosphate of the preferred embodiment, dilution of either FeCl_3 or the entire reaction product should be by 10 to 80% with water, otherwise precipitation will occur.

Please revise the paragraph beginning on page 11, line 8 of the specification as follows:

This resultant new compound has been demonstrated to be an excellent and unique coagulant for most water treatment applications including E-coat waste treatment, water-borne paint waste coagulation, oily waste and solvent-borne paint detackification. It is also exhibits utility in general wastewater treatment, municipal wastewater treatment, metals removal from water, paper making waste water, water containing chemical compounds, water containing organic compounds, water containing biological compounds, poultry processing waste, ink containing solutions, raw water clarification (such as municipal drinking water and industrial purification), oil/water separation, water containing suspended solids, color removal (colored solutions), waste clay slurry, coal waste, mineral processing water, oily waste, water containing suspended solids, water containing paint solids and others. The resultant new compound has also been demonstrated to remove metals from water, including heavy metals such as lead and nickel. E-coat waste is the wastewater generated from electrolytic primer coating.

The Amendment dated February 22, 2006, added four paragraphs at the bottom of page 12 of the specification. Please cancel the addition of those four paragraphs.